

Attorney Docket No: IMMR-063/00US

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of Juan Manuel CRUZ-HERNANDEZ et al

Serial No.: 10/792,279

Examiner: TBD

Confirmation No.: 4217

Art Unit: 2675

Filed: March 4, 2004

For: **HAPTIC DEVICES HAVING MULTIPLE OPERATIONAL MODES  
INCLUDING AT LEAST ONE RESONANT MODE**

U.S. Patent and Trademark Office  
2011 South Clark Place  
Customer Window  
Crystal Plaza Two, Lobby, Room 1B03  
Arlington, VA 22202

**POWER BY ASSIGNEE  
AND STATEMENT UNDER 37 C.F.R. §3.73(b)**

The Assignee of the entire right, title, and interest in the above-identified application hereby revokes all previously granted powers and grants the registered practitioners of Cooley Godward LLP included in the Customer Number provided below power to act, prosecute, and transact all business in the U.S. Patent and Trademark Office in connection with this application, any applications claiming priority to this application, and any patents issuing therefrom.

The Assignee certifies that to the best of its knowledge and belief it is the owner of the entire right, title, and interest in and to the above-identified application as evidenced by:

- An assignment document, a copy of which is enclosed herewith;
- An assignment previously recorded in the U.S. Patent and Trademark Office at Reel \_\_, Frame \_\_.

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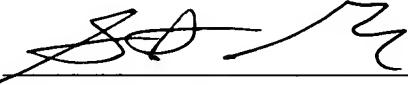
Please direct all telephone calls and correspondence to:

Cooley Godward LLP  
ATTN: Patent Group  
One Freedom Square  
Reston Town Center  
11951 Freedom Drive  
Reston, VA 20190-5656  
Tel: (703) 456-8000  
Fax: (703) 456-8100

CUSTOMER NUMBER: 22903

Pursuant to 37 CFR § 3.73(b)(2)(i), the undersigned is authorized to act on behalf of the assignee.

Date: 8/20/04

Signature:   
Name: Stuart D. Smolen  
Title: Director of Intellectual Property  
Company: Immersion Corporation

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PATENT

**ASSIGNMENT**  
**(Joint)**

Juan Manuel Cruz-Hernandez, residing at 3575 Blvd. St. Laurent, Suit 422, Montreal Quebec, Canada, H2X-2T7, Danny Grant, residing at 5961 de la Roche #4, Montreal, Quebec H2S 2C8, and Vincent Hayward, CIM-Room 410, 3480 University St., Montreal, Quebec, Canada H3A-2A7 (each referred to as "Assignor") have made an invention(s) (the "Invention(s)") set forth in an application for patent of the United States, entitled **HAPTIC DEVICES HAVING MULTIPLE OPERATIONAL MODES INCLUDING AT LEAST ONE RESONANT MODE**, and which is a:

- (1)  provisional application
  - (a)  to be filed herewith; or
  - (b)  bearing Application No. , and filed on ; or
- (2)  non-provisional application
  - (a)  to be filed herewith; or
  - (b)  bearing Application No. 10/792,279, and filed on March 4, 2004.

**WHEREAS**, Immersion Corporation, a corporation duly organized under and pursuant to the laws of Delaware, and having its principal place of business at 801 Fox Lane, San Jose, CA 95131 (the "Assignee"), is desirous of acquiring the entire right, title, and interest in: the Invention(s); the application for patent identified in paragraph (1) or (2); the right to file applications for patent of the United States or other countries on the Invention(s); any application(s) for patent of the United States or other countries claiming priority to these application(s); any provisional or other right to recover damages, including royalties, for prior infringements of these applications; and any patent(s) of the United States or other countries that may be granted therefor or thereon.

**NOW, THEREFORE**, for good and sufficient consideration, the receipt of which is hereby acknowledged, and to the extent that the Assignor has not done so already via a prior agreement with the Assignee, or if the Assignor has already done so via a prior agreement with the Assignee then in confirmation of any obligation to do so in said prior agreement, the Assignor has sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns, the Assignor's entire right, title, and interest in:

- (a) the Invention(s);
- (b) the application for patent identified in paragraph (1) or (2);
- (c) the right to file applications for patent of the United States or other countries on the Invention(s), including all rights under the Paris Convention for the Protection of Industrial Property and under the Patent Cooperation Treaty;

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The Assignor hereby requests the Commissioner of Patents to issue said patents of the United States to the Assignee for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Date: July 20 - 2004

By:

  
Juan Manuel Cruz-HernandezState of \_\_\_\_\_  
ss.

County of \_\_\_\_\_)

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared \_\_\_\_\_, personally known to me or proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature of Notary Public

Place Notary Seal Above

Date: \_\_\_\_\_

By: \_\_\_\_\_

Danny Grant

State of \_\_\_\_\_)  
ss.

County of \_\_\_\_\_)

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared \_\_\_\_\_, personally known to me or proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature of Notary Public

Place Notary Seal Above

The Assignor hereby requests the Commissioner of Patents to issue said patents of the United States to the Assignee for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Date: \_\_\_\_\_

By: \_\_\_\_\_

**Juan Manuel Cruz-Hernandez**

State of \_\_\_\_\_)

ss.

County of \_\_\_\_\_)

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared \_\_\_\_\_, personally known to me or proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

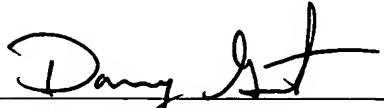
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Signature of Notary Public

Place Notary Seal Above

Date: July 20th, 04

By: \_\_\_\_\_

  
**Daphy Grant**

State of \_\_\_\_\_)

ss.

County of \_\_\_\_\_)

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared \_\_\_\_\_, personally known to me or proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

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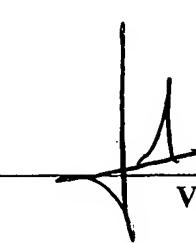
Signature of Notary Public

Place Notary Seal Above

Date:

August 9 2004

By:

  
Vincent Hayward

State of \_\_\_\_\_

ss.

County of \_\_\_\_\_)

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared \_\_\_\_\_, personally known to me or proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature of Notary Public

Place Notary Seal Above